Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 31 Jan 2023 until 23:59 on Wednesday 01 Feb 2023

Forecast Issued on Tuesday 31 Jan 2023 at 04:30

Confidence: High for becoming dry with sunny spells on Tuesday. Also high for the change to cloudier, milder conditions from Wednesday.

Headline for Tuesday 31 Jan 2023: Early cloud and rain clearing. Then dry with sunny spells. Strong westerly winds.

Mountain weather hazards on Tuesday 31 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability					
70%	10%	<05%	<05%	<05%	30%

Forecast for Tuesday 31 Jan 2023

Weather: Cloudy start with outbreaks of mainly light rain spreading southeast. Rain soon clearing with cloud breaking, to leave a dry and bright day with some good spells of sunshine. Remaining dry into the evening, although cloud increasing again with a chance of isolated showers.

Chance of cloud-free hill tops above 600m: Near 0% at first, but soon rising to 90%. Falling to 60% in the evening.

Low cloud and visibility: Persistent cloud obscuring hills above 400m at first, but soon lifting to leave only small amounts below summit level. Cloud returning above 500m during the evening. Otherwise largely good to very good views expected, although visibility will fall to several kilometres in early rain or showers later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 31 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/35 W	28/34 W	32/41 W	33/42 W	31/41 W	30/40 W	30/40 W
300	21/28 W	18/24 W	23/31 W	23/33 W	20/30 W	21/29 W	24/34 W
Valley	13/30 W	10/24 W	15/30 W	17/33 W	13/28 W	13/30 W	17/34 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	2/-4	2/-5	2/-6	1/-6	1/-7	1/-6
300	6/1	5/0	5/-0	5/-1	4/-2	4/-2	4/-2
Valley	6/3	5/2	6/2	6/1	4/0	4/0	5/-0
Freezing Level*	1300m	800m	800m	700m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of around 50mph possible over the highest points, especially at first and again later. Increasing chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 31 Jan 2023	0mm	5.2mm	8.2mm

Forecast for Wednesday 01 Feb 2023

Weather: Dry overnight, and rather cloudy. A bright day follows with some sunny spells, the best of these in the east. However cloud will increase across western hills during the afternoon, perhaps bringing a few spots of drizzle.

Maximum wind: Westerly 25-30mph, gusting 40mph, decreasing to 15-20mph through the afternoon.

Chance of cloud-free hill tops above 600m: 70% at first, falling to 40% in the west.

Low cloud and visibility: Cloud obscuring some hills above 600m at times through the day, mainly in the west with eastern hill clearer. Cloud then thickening and descending onto some hills above 400m through the afternoon. Visibility poor in any drizzle that occurs.

Temperature: **Valleys:** Plus 2 Celsius rising to Plus 10 Celsius.
At 600m: Plus 2 Celsius rising to Plus 6 Celsius
Freezing level: Above the summits

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